

Title (en)  
INTERLOCKING SPRING SEAT ASSEMBLY AND ROTARY CONTROL VALVE COMPRISING SAME

Title (de)  
INEINANDERGREIFENDE FEDERSITZEINRICHTUNG UND DREHSTELLVENTIL DAMIT

Title (fr)  
ENSEMBLE SIÈGE DE RESSORT À INTERVERROUILLAGE ET VANNE DE COMMANDE ROTATIVE COMPRENANT LEDIT ENSEMBLE

Publication  
**EP 3058253 A1 20160824 (EN)**

Application  
**EP 14789728 A 20141014**

Priority

- US 201314052923 A 20131014
- US 2014060350 W 20141014

Abstract (en)  
[origin: US2015102246A1] A spring seat assembly for a fluid valve includes a first spring seat having a first protruding member extending away from a first seating surface and a second spring seat having a second protruding member extending away from a second seating surface, the first spring seat being slidable relative to the second spring seat. A spring is disposed between the first seating surface and the second seating surface. A locking element is disposed on at least one of the first protruding member and the second protruding member.

IPC 8 full level  
**F16K 1/22** (2006.01); **F16F 1/12** (2006.01)

CPC (source: CN EP US)  
**F16F 1/128** (2013.01 - EP US); **F16K 1/224** (2013.01 - CN EP US); **F16K 1/2266** (2013.01 - US)

Citation (search report)  
See references of WO 2015057613A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 2015102246 A1 20150416**; CA 2926686 A1 20150423; CN 104595505 A 20150506; CN 204253895 U 20150408; EP 3058253 A1 20160824; RU 2016115483 A 20171121; RU 2016115483 A3 20180601; WO 2015057613 A1 20150423

DOCDB simple family (application)  
**US 201314052923 A 20131014**; CA 2926686 A 20141014; CN 201410539444 A 20141013; CN 201420590710 U 20141013; EP 14789728 A 20141014; RU 2016115483 A 20141014; US 2014060350 W 20141014